36x Speed Dome Network Camera

Weather Proof

OSD-040 36x Series

(Bracket Excluded)

- **Sony Super HAD II CCD Sensor with Effio DSP in D1 Resolution**
- **36x Optical Zoom**
- **360° Endless Pan, 200° Tilt.**
- **MPEG-4, MJPEG and H.264 Triple Codec Compression**
- **3D Privacy Masks for Private Area Protection**
- **Weather-Proof (IP66) Casing with Built-in Fan and Heater**
- **Removable IR-Cut Filter for Day and Night Function**
- **1 DI/DO for External Alarm and Sensor Device**
- **EasyConfig. for Easy Set Up and GUI Integration**

The Brickcom OSD-040 36x series is a high-end, Speed Dome network camera designed to provide high-quality video surveillance for outdoor environments. By offering H.264/M-JPEG/MPEG-4 triple codec compression, it is able to provide a flexible system which does not require high bandwidth or storage capabilities.

The advanced features of the OSD-040 36x series work together to create crystal-clear video surveillance. By adopting a powerful 36x optical zoom lens with auto focus, it can easily provide clear close-up shots of objects. The Sony Super HAD II CCD sensor with Effio DSP(Digital Signal Processor) and removable IR-cut filter significantly improve the light sensitively of the OSD-040 36x series, providing excellent surveillance in both day and night settings. When its Wide Dynamic Range (WDR) sensor, the camera can handle extreme variations of brightness within the same sense. The WDR sensor averages out the very bright and very dark areas to create a more even evenly exposed video scene which is close to what the human eye would see.

Along with high-level sensors, the OSD-040 36x series is equipped with a fast and precise pan/tilt mechanical design. The 360° continuous pan and -10° ~190° tilt combine with a rotation speed of 0.5°~400° per second to provide complete coverage of every angle. With such powerful pan, tilt and zoom capabilities and a weather-proof casing (IP66), this camera is perfect for environments where precision and reliability are key; such as railway stations, airports, warehouses, and production facilities.

Brickcom | General Specification

OSD-040 36x Series

Product Name
36x Outdoor Speed Dome Network Camera

Model Number
OSD-040D 36x: NTSC
OSD-040E 36x: PAL

Hardware System
CPU: 500 MHz
Flash: 16M
RAM: 128M DDR

Image Sensor
Sensor Type : 1/4" Sony Super HAD II CCD Sensor with Sony Effio DSP
Sensor Resolution：720x480(NTSC)
720x576(PAL)
Minimum Illumination:
Color: 0.1 Lux, B/W: 0.01 Lux

Lens
36x Optical Zoom Lens
Focal Length: f= 3.4 ~ 122.4 mm
F number: F1.6 ~ F4.5
Horizontal View Angle : 2.0° ~ 61.2°
Removable IR Cut Filter
Auto Iris/ Auto Focus

Video
Auto Exposure Control / Auto White Balance / Auto Gain Control
Image Compression Format :
H.264 / MPEG4 / MJPEG

Image Resolution
OSD-040D 36x:
720x480
352x240
OSD-040E 36x:
720x576
352x288

Frame Rate at Max. Resolution
OSD-040D 36x:
H.264: 30 fps
MPEG: 30 fps
MJPEG: 30 fps
OSD-040E 36x:
H.264: 25 fps
MPEG: 25 fps
MJPEG: 25 fps

Audio
2-way audio
External MIC/Line Input
External Audio Output

Network
Ethernet : one 10/100Mbps RJ-45

Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP,

Pan/Tilt/Zoom
Pan: 360°, 0.5°~400°/s
Tilt: 200°(-10°~190°) , 0.5°~400°/s
Zoom: 36x Optical Zoom
12x Digital Zoom

Interface
AC Power In
Ethernet Cable Connector
General I/O Terminal Block
Video Out(BNC)
External MIC/Line Input
External Audio Output

Power
AC 24V ± 10%

Max Power consumption
65 w (with Heater)

Environment
Operating Temperature :-45°C ~ 50°C (-49°F ~122°F)
Operating Humidity : 20% ~ 80%

Dimension
⌀190 x 302.5mm (7.5x 11.9 Inches), with sunshield

Weight
2.6 kg (5.7 lbs)

Certification
FCC,CE, IP-66

Warranty
Limited 1-year warranty

www.brickcom.com

Brickcom Corporation Headquarters
Address: No.1 Jen Ai Rd, Hsinchu Industrial Park, Hukou, Hsinchu, Taiwan, R.O.C. 303
Tel: + 886-3-5982022 Fax: + 886-3-5982023
Mail: info@brickcom.com http://www.brickcom.com